USE 2027 The 48th Symposium on UltraSonic Electronics (USE2027)

Date: November 29 (Mon.) –December 1 (Wed.), 2027
Venue: Toyosu Campus, Shibaura Institute of Technology,
Koto ward, Tokyo, Japan





USE website: https://use-jp.org/

Preliminary Announcement

Organizing Committee Chair
Keiji Sakai
The University of Tokyo

Steering Committee Chair
Yoshikazu Koike
Shibaura Institute of Technology

Program Committee Chair
Tomohisa Norisuye
Kyoto Institute of Technology

Welcome to the Symposium on UltraSonic Electronics (USE). In 2027, the symposium will be held at Shibaura Institute of Technology in Koto ward, Tokyo, Japan. We sincerely hope that all participants will enjoy productive discussions at the conference as well as a pleasant stay in Toyosu.

The first USE was held in December 1980 with the aim of bringing together experts from a wide range of ultrasonic fields, from fundamental research to practical applications. Since then, the symposium has provided an important forum for presenting and discussing new developments and innovations in ultrasonics. The program consists of single oral sessions and poster presentations. Since 2004, presentations in English have been accepted from researchers worldwide, with the second day dedicated to a fully International Session. Since 2006, all poster presentations have also been given in English.

More than 250 general papers, several plenary talks, including one by a distinguished lecturer of IEEE UFFC, and approximately 400 participants are expected. Authors of presented papers are eligible to submit a regular paper or brief note to the Special Issue on Ultrasonic Electronics in the Japanese Journal of Applied Physics (JJAP). The Young Scientist Awards will recognize outstanding symposium presenters, while the Best Paper Awards will be selected from papers published in the Special Issue.

USE2027 Organizing Committee Chair, Keiji Sakai

General Topics
(1) Ultrasonic properties of materials, Phonon physics, Acousto-optics
(2) Measurement techniques, Imaging, Nondestructive evaluation
(3) Piezoelectric devices (Bulk wave devices, Surface wave devices)
(4) Nonlinear acoustics, High power ultrasound, Sonochemistry
(5) Biomedical ultrasound
(6) Ocean acoustics

https://use-jp.org/

The latest information on USE2027 will appear on the website (https://use-jp.org/) in April 2027. We will send a guidance to the participants of USE2026 around April 2027. For inquiries about USE2027, please contact:

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